OmniReach™ FTTX Solutions

Fiber Cross Connect 3000

ADC's OmniReach™ FTTX Solutions are the industry's first infrastructure solutions designed from the ground up to meet the unique requirements of FTTX networks. Designed for operational efficiency and scalability, OmniReach solutions simplify FTTX network installation, maintenance and management from the central office/headend to the outside plant.

The OmniReach Fiber Cross Connect 3000 is designed to meet and serve the distinct needs of diverse markets and customer segments. The unique design of the Fiber Cross Connect 3000 provides for a rapid connection, facilitating fast service connection and reconfiguration, simplified network installations and improved installation efficiencies in the field.

SPEC SHEET

Unique Design to Meet Diverse Customer Requirements
"Craft Friendly" to support both low and high-density applications, different network system designs, and diverse installation environments

Flexible and Modular
Standardized modules and accessories for all Fiber Cross Connect 3000 cabinets

Easy to Order
Streamlined configurations simplify the ordering process

Incorporates ADC Quality and Innovation
ADC is a high quality, industry-leading brand you can rely on to future-proof your network, with a complete portfolio of FTTX products and services to ensure seamless deployment and maintenance over the life of the network

The Fiber Cross Connect 3000 incorporates four time-tested elements that have long impacted reliability, flexibility and operational costs within the central office:

- Bend radius protection
- Intuitive cable routing
- Easy fiber/connector access
- Physical protection

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Fiber Cross Connect 3000

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Features and Benefits

Three cabinet sizes
Small (72-288 fibers)
Medium (72-432 fibers)
Large (72-864 fibers)

Intelligent design
Allows for standardized modules and accessories across all cabinet sizes

Unique "swing-out frame" design
Allows for easy maintenance and access to back of modules and cables

Features discrete ground and cable location access
Allows for locating wires without entry into the cabinets

Integrated slack storage spools
Allows for storage of excess fiber while providing positive bend radius control

Angled bulkhead panels
Eliminates 90° bends and assists technician with routing

Pole mounting option
Available with small and medium termination models

Three-point latch
Provides weather-tight seal

Six-inch pad mount skirt
Included with all cabinets

Hand hole options
Available in polymer-concrete

NEMA-4 Design
Provides heavy duty protection from wind, rain and other contaminants

Accessible with standard 216B tool
Offers flexible security options, including pad lock provisions

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Fiber Cross Connect 3000

Product Dimensions

Cabinet	Size (HxWxD)	Maximum Fiber Count	Access	Mounting Options	Splitter Slots	Cable Exit Location
Small (72-288)	30" x 27" x 18" (76.20 x 68.58 x 45.72 cm)	72-288 homes	all front	ground, pole	12	top or bottom
Medium (72-432)	41" x 27" x 18" (121.92 x 68.58 x 45.72 cm)	72-432 homes	all front	ground, pole	24	top or bottom
Large (72-864)	48" x 46" x 22" (121.92 x 116.84 x 55.88 cm)	72-864 homes	all front	ground	48	bottom

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Fiber Cross Connect 3000

Ordering Information

Catalog Number

F3X-

Cabinet Size

E	288 Cabinet 30"(H) x 27"(W) x 18"(D)
G	432 Cabinet 41"(H) x 27"(W) x 18"(D)
J	864 Cabinet 48"(H) x 46"(W) x 22"(D)

Distribution Fiber Count

Singlemode	
072	72 Fiber Distribution
144	144 Fiber Distribution
216	216 Fiber Distribution
288	288 Fiber Distribution
360	360 Fiber Distribution
432	432 Fiber Distribution
504	504 Fiber Distribution
576	576 Fiber Distribution
648	648 Fiber Distribution
720	720 Fiber Distribution
792	792 Fiber Distribution
864	864 Fiber Distribution

Adapter Style

N	SC/UPC
J	SC/APC

Cable Configuration

J	Dielectric Loose Tube
G	Single Armor Loose Tube
T	Dielectric Ribbon
L	Single Armor Ribbon

Cable Length

B	100 foot
E	300 foot
G	500 foot

Cable 1 type

A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 2 Type

O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 3 Type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 4 type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 5 Type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 6 Type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

216 Tools – Can Wrench Keys

Ordering Information

Description	Ordering Number
Nickel plated brass can wrench key For use in loosening/tightening security screws	OSP-216BKEY1
Aluminum can wrench key For use in loosening/tightening security screws	OSP-216BKEY2
Plastic can wrench key For use in loosening/tightening security screws	OSP-216BKEY3

Cleaning Kits

Ordering Information

Description	Ordering Number
Alcohol cleaning kit for cabinet connector and faces	FPC-CLNKIT1

Risers

Note: All Fiber Cross Connect 3000 cabinets ship with one riser.

Ordering Information

Description	Ordering Number
6" ground spacer/riser for small (72-288 fibers) and medium (72-432 fibers) cabinets Raises cabinet an additional 6"	FD3-RSRE06
6" ground spacer/riser for large (72-864 fibers) cabinets Raises cabinet an additional 6"	FD3-RSRJ06

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Hand Hole Kits

Ordering Information

Description	Ordering Number
Hand Hole and cover kit for small (72-288 fibers) and medium (72-432 fibers) cabinets	FMS-ACE100-KIT-A
Hand Hole and cover kit for large (72-864 fibers) cabinets	FMS-FD3J-KIT-A

Pad Mount Frames

Ordering Information

Description	Ordering Number
Small (72-288 fibers) and medium (72-432 fibers) pad mount frame	FD3-PMFE06
Large (72-864 fibers) pad mount frame	FD3-PMFJ06

Additional Panel Options

*Additional configurations are available, please contact the ADC Technical Assistance Center

Ordering Information

Description	Ordering Number
Single Armor Loose Tube 72 position APC SC	FD3MOD-072JGAB
Dielectric Loose Tube 72 position APC SC	FD3MOD-072JJAB
Single Armor Ribbon 72 position APC SC	FD3MOD-072JLAB
Dielectric Ribbon 72 position APC SC	FD3MOD-072JTAB

SPEC SHEET

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